Analytical Report for

ACE Environmental

Certificate of Analysis No.: 16042205

Project Manager: Rick Rasmussen
Project Name : Walter Reed
Project Location: Washington, DC

May 2, 2016

Phase Separation Science, Inc.
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PHASE SEPARATION SCIENCE, INC.

May 2, 2016

Rick Rasmussen
ACE Environmental
3512 Fairfield Rd.
Baltimore, MD 21226

Reference: PSS Work Order(s) No: **16042205**
Project Name: Walter Reed
Project Location: Washington, DC

Dear Rick Rasmussen :

This report includes the analytical results from the analyses performed on the samples received under the project name referenced above and identified with the Phase Separation Science (PSS) Work Order(s) numbered **16042205**.

All work reported herein has been performed in accordance with current NELAP standards, referenced methodologies, PSS Standard Operating Procedures and the PSS Quality Assurance Manual unless otherwise noted in the Case Narrative Summary. PSS is limited in liability to the actual cost of the sample analysis done.

PSS reserves the right to return any unused samples, extracts or related solutions. Otherwise, the samples are scheduled for disposal, without any further notice, on May 27, 2016, with the exception of air canisters which are cleaned immediately following analysis. This includes any samples that were received with a request to be held but lacked a specific hold period. It is your responsibility to provide a written request defining a specific disposal date if additional storage is required. Upon receipt , the request will be acknowledged by PSS, thus extending the storage period.

This report shall not be reproduced except in full, without the written approval of an authorized PSS representative. A copy of this report will be retained by PSS for at least 5 years, after which time it will be disposed of without further notice, unless prior arrangements have been made.

We thank you for selecting Phase Separation Science, Inc. to serve your analytical needs. If you have any questions concerning this report, do not hesitate to contact us at 410-747-8770 or info@phaseonline.com.

Sincerely,

Dan Prucnal

Dan Prucnal
Laboratory Manager

Sample Summary
Client Name: ACE Environmental
Project Name: Walter Reed

Work Order Number(s): 16042205

The following samples were received under chain of custody by Phase Separation Science (PSS) on 04/22/2016 at 08:55 am

Lab Sample Id	Sample Id	Matrix	Date/Time Collected
16042205-001	CV-1	WIPES	04/20/16 11:05
16042205-002	CV-2	WIPES	04/20/16 11:05
16042205-003	CV-3	WIPES	04/20/16 11:05
16042205-004	CV-4	WIPES	04/20/16 11:05
16042205-005	CV-5	WIPES	04/20/16 11:05
16042205-006	CV-6	WIPES	04/20/16 11:05
16042205-007	CV-7	WIPES	04/20/16 11:05
16042205-008	CV-8	WIPES	04/20/16 11:05
16042205-009	CV-9	WIPES	04/20/16 11:05
16042205-010	CV-10	WIPES	04/20/16 11:05
16042205-011	CV-11	WIPES	04/20/16 11:05
16042205-012	CV-12	WIPES	04/20/16 11:05
16042205-013	CV-13	WIPES	04/20/16 14:00
16042205-014	CV-14	WIPES	04/20/16 14:00
16042205-015	CV-15	WIPES	04/20/16 14:00
16042205-016	CV-16	WIPES	04/20/16 14:00
16042205-017	CV-17	WIPES	04/20/16 14:00
16042205-018	CV-18	WIPES	04/20/16 14:00
16042205-019	CV-19	WIPES	04/20/16 14:00
16042205-020	CV-20	WIPES	04/20/16 14:00
16042205-021	CV-21	WIPES	04/20/16 14:00
16042205-022	CV-22	WIPES	04/20/16 14:00
16042205-023	CV-23	WIPES	04/20/16 14:00
16042205-024	CV-24	WIPES	04/20/16 14:00
16042205-025	CV-25	WIPES	04/21/16 09:25
16042205-026	CV-26	WIPES	04/21/16 09:25
16042205-027	CV-27	WIPES	04/21/16 09:25
16042205-028	CV-28	WIPES	04/21/16 09:25
16042205-029	CV-29	WIPES	04/21/16 09:25
16042205-030	CV-30	WIPES	04/21/16 09:25
16042205-031	CV-31	WIPES	04/21/16 09:25
16042205-032	CV-32	WIPES	04/21/16 09:25
16042205-033	CV-33	WIPES	04/21/16 09:25
16042205-034	CV-34	WIPES	04/21/16 09:25
16042205-035	CV-35	WIPES	04/21/16 09:25
16042205-036	CV-36	WIPES	04/21/16 09:25
16042205-037	CV-37	WIPES	04/21/16 12:00
16042205-038	CV-38	WIPES	04/21/16 12:00
16042205-039	CV-39	WIPES	04/21/16 12:00
16042205-040	CV-40	WIPES	04/21/16 12:00
16042205-041	CV-41	WIPES	04/21/16 12:00
16042205-042	CV-42	WIPES	04/21/16 12:00
16042205-043	CV-43	WIPES	04/21/16 12:00

Sample Summary

Client Name: ACE Environmental

Project Name: Walter Reed

Work Order Number(s): 16042205

16042205-044	CV-44	WIPES	04/21/16 12:00
16042205-045	CV-45	WIPES	04/21/16 12:00
16042205-046	CV-46	WIPES	04/21/16 12:00
16042205-047	CV-47	WIPES	04/21/16 12:00
16042205-048	CV-48	WIPES	04/21/16 12:00
16042205-049	Blank-1	WIPES	04/20/16 11:05
16042205-050	Blank-2	WIPES	04/21/16 09:25
16042205-051	X-1	WIPES	04/21/16 13:15
16042205-052	X-2	WIPES	04/21/16 13:15
16042205-053	X-3	WIPES	04/21/16 13:15
16042205-054	X-4	WIPES	04/21/16 13:15
16042205-055	T-1	WIPES	04/21/16 12:45
16042205-056	T-2	WIPES	04/21/16 12:45
16042205-057	T-3	WIPES	04/21/16 12:45
16042205-058	T-4	WIPES	04/21/16 12:45
16042205-059	Blank-3	WIPES	04/21/16 12:45

Building 1 Abandoned Vault Wipe Samples

Please reference the Chain of Custody and Sample Receipt Checklist for specific container counts and preservatives. Any sample conditions not in compliance with sample acceptance criteria are described in Case Narrative Summary.

Notes:

1. The presence of a common laboratory contaminant such as methylene chloride may be considered a possible laboratory artifact. Where observed, appropriate consideration of data should be taken.
2. Unless otherwise noted in the case narrative, results are reported on a dry weight basis with the exception of pH, flashpoint, moisture, and paint filter test.
3. Drinking water samples collected for the purpose of compliance with SDWA may not be suitable for their intended use unless collected by a certified sampler [COMAR 26.08.05.07.C.2].
4. The analyses of 1,2-dibromo-3-chloropropane (DBCP) and 1,2-dibromoethane (EDB) by EPA 524.2 and calcium, magnesium, sodium and iron by EPA 200.8 are not currently promulgated for use in testing to meet the Safe Drinking Water Act and as such cannot be used for compliance purposes. The listings of the current promulgated methods for testing in compliance with the Safe Drinking Water Act can be found in the 40 CFR part 141.1, for the primary drinking water contaminates, and part 141.3, for the secondary drinking water contaminates.
5. Sample prepared under EPA 3550C with concentrations greater than 20 mg/Kg should employ the microtip extraction procedure if required to meet data quality objectives.
6. The analysis of acrolein by EPA 624 must be analyzed within three days of sampling unless pH is adjusted to 4-5 units [40 CFR part 136.3(e)].
7. Method 180.1, The Determination of Turbidity by Nephelometry, recommends samples over 40 NTU be diluted until the turbidity falls below 40 units. Routine samples over 40 NTU may not be diluted as long as the data quality objectives are not affected.
8. Alkalinity results analyzed by EPA 310.2 that are reported by dilution are estimated and are not in compliance with method requirements.

Standard Flags/Abbreviations:

B	A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
C	Results Pending Final Confirmation.
E	The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
Fail	The result exceeds the regulatory level for Toxicity Characteristic (TCLP) as cited in 40 CFR 261.24 Table 1.
J	The target analyte was positively identified below the reporting limit but greater than the MDL.
MDL	This is the Laboratory Method Detection Limit which is equivalent to the Limit of Detection (LOD). The LOD is an estimate of the minimum amount of a substance that an analytical process can reliably detect. This value will remain constant across multiple similar instrumentation and among different analysts. An LOD is analyte and matrix specific.
ND	Not Detected at or above the reporting limit.
RL	PSS Reporting Limit.
U	Not detected.

Sample Summary

Client Name: ACE Environmental

Project Name: Walter Reed

Work Order Number(s): 16042205

Certifications:

NELAP Certifications: PA 68-03330, VA 460156
State Certifications: MD 179, WV 303
Regulated Soil Permit: P330-12-00268
NSWC USCG Accepted Laboratory
LDBE MWAA LD1997-0041-2015

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 16042205

ACE Environmental, Baltimore, MD

May 2, 2016

Project Name: Walter Reed
Project Location: Washington, DC

Sample ID: CV-1 **Date/Time Sampled: 04/20/2016 11:05** **PSS Sample ID: 16042205-001**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 23:21	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 23:21	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 23:21	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 23:21	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 23:21	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 23:21	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 23:21	1029

Sample ID: CV-2 **Date/Time Sampled: 04/20/2016 11:05** **PSS Sample ID: 16042205-002**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 23:50	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 23:50	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 23:50	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 23:50	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 23:50	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 23:50	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 23:50	1029

Sample ID: CV-3 **Date/Time Sampled: 04/20/2016 11:05** **PSS Sample ID: 16042205-003**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 00:19	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 00:19	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 00:19	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 00:19	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 00:19	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 00:19	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 00:19	1029

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 16042205

ACE Environmental, Baltimore, MD

May 2, 2016

Project Name: Walter Reed
Project Location: Washington, DC

Sample ID: CV-4 **Date/Time Sampled: 04/20/2016 11:05** **PSS Sample ID: 16042205-004**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 00:48	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 00:48	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 00:48	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 00:48	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 00:48	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 00:48	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 00:48	1029

Sample ID: CV-5 **Date/Time Sampled: 04/20/2016 11:05** **PSS Sample ID: 16042205-005**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 00:48	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 00:48	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 00:48	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 00:48	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 00:48	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 00:48	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 00:48	1029

Sample ID: CV-6 **Date/Time Sampled: 04/20/2016 11:05** **PSS Sample ID: 16042205-006**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:17	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:17	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:17	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:17	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:17	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:17	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:17	1029

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CERTIFICATE OF ANALYSIS

No: 16042205

ACE Environmental, Baltimore, MD

May 2, 2016

Project Name: Walter Reed
Project Location: Washington, DC

Sample ID: CV-7 **Date/Time Sampled: 04/20/2016 11:05** **PSS Sample ID: 16042205-007**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:17	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:17	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:17	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:17	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:17	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:17	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:17	1029

Sample ID: CV-8 **Date/Time Sampled: 04/20/2016 11:05** **PSS Sample ID: 16042205-008**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:46	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:46	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:46	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:46	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:46	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:46	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:46	1029

Sample ID: CV-9 **Date/Time Sampled: 04/20/2016 11:05** **PSS Sample ID: 16042205-009**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:46	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:46	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:46	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:46	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:46	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 01:46	1029
PCB-1260	**11**	ug/100cm2	5.0		1	04/26/16	04/27/16 01:46	1029

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CERTIFICATE OF ANALYSIS

No: 16042205

ACE Environmental, Baltimore, MD

May 2, 2016

Project Name: Walter Reed
Project Location: Washington, DC

Sample ID: CV-10 **Date/Time Sampled: 04/20/2016 11:05** **PSS Sample ID: 16042205-010**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:14	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:14	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:14	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:14	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:14	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:14	1029
PCB-1260	**22**	ug/100cm2	5.0		1	04/26/16	04/27/16 02:14	1029

Sample ID: CV-11 **Date/Time Sampled: 04/20/2016 11:05** **PSS Sample ID: 16042205-011**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:14	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:14	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:14	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:14	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:14	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:14	1029
PCB-1260	**26**	ug/100cm2	5.0		1	04/26/16	04/27/16 02:14	1029

Sample ID: CV-12 **Date/Time Sampled: 04/20/2016 11:05** **PSS Sample ID: 16042205-012**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:43	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:43	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:43	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:43	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:43	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:43	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:43	1029

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CERTIFICATE OF ANALYSIS

No: 16042205
ACE Environmental, Baltimore, MD
May 2, 2016

Project Name: Walter Reed
Project Location: Washington, DC

Sample ID: CV-13 **Date/Time Sampled: 04/20/2016 14:00** **PSS Sample ID: 16042205-013**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:43	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:43	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:43	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:43	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:43	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:43	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 02:43	1029

Sample ID: CV-14 **Date/Time Sampled: 04/20/2016 14:00** **PSS Sample ID: 16042205-014**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:12	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:12	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:12	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:12	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:12	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:12	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:12	1029

Sample ID: CV-15 **Date/Time Sampled: 04/20/2016 14:00** **PSS Sample ID: 16042205-015**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:12	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:12	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:12	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:12	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:12	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:12	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:12	1029

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No: 16042205

ACE Environmental, Baltimore, MD

May 2, 2016

Project Name: Walter Reed
Project Location: Washington, DC

Sample ID: CV-16 **Date/Time Sampled: 04/20/2016 14:00** **PSS Sample ID: 16042205-016**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:41	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:41	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:41	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:41	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:41	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:41	1029
PCB-1260	**20**	ug/100cm2	5.0		1	04/26/16	04/27/16 03:41	1029

Sample ID: CV-17 **Date/Time Sampled: 04/20/2016 14:00** **PSS Sample ID: 16042205-017**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:41	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:41	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:41	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:41	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:41	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:41	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/26/16	04/27/16 03:41	1029

Sample ID: CV-18 **Date/Time Sampled: 04/20/2016 14:00** **PSS Sample ID: 16042205-018**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 21:25	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 21:25	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 21:25	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 21:25	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 21:25	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 21:25	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 21:25	1029

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May 2, 2016

Project Name: Walter Reed
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Sample ID: CV-19 **Date/Time Sampled: 04/20/2016 14:00** **PSS Sample ID: 16042205-019**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 21:54	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 21:54	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 21:54	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 21:54	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 21:54	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 21:54	1029
PCB-1260	**17**	ug/100cm2	5.0		1	04/26/16	04/26/16 21:54	1029

Sample ID: CV-20 **Date/Time Sampled: 04/20/2016 14:00** **PSS Sample ID: 16042205-020**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 22:23	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 22:23	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 22:23	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 22:23	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 22:23	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/26/16	04/26/16 22:23	1029
PCB-1260	**32**	ug/100cm2	5.0		1	04/26/16	04/26/16 22:23	1029

Sample ID: CV-21 **Date/Time Sampled: 04/20/2016 14:00** **PSS Sample ID: 16042205-021**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 15:13	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 15:13	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 15:13	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 15:13	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 15:13	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 15:13	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 15:13	1029

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May 2, 2016

Project Name: Walter Reed
Project Location: Washington, DC

Sample ID: CV-22 **Date/Time Sampled: 04/20/2016 14:00** **PSS Sample ID: 16042205-022**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 15:42	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 15:42	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 15:42	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 15:42	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 15:42	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 15:42	1029
PCB-1260	**65**	ug/100cm2	5.0		1	04/27/16	04/29/16 15:42	1029

Sample ID: CV-23 **Date/Time Sampled: 04/20/2016 14:00** **PSS Sample ID: 16042205-023**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 16:11	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 16:11	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 16:11	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 16:11	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 16:11	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 16:11	1029
PCB-1260	**7.4**	ug/100cm2	5.0		1	04/27/16	04/29/16 16:11	1029

Sample ID: CV-24 **Date/Time Sampled: 04/20/2016 14:00** **PSS Sample ID: 16042205-024**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:08	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:08	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:08	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:08	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:08	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:08	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:08	1029

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No: 16042205

ACE Environmental, Baltimore, MD

May 2, 2016

Project Name: Walter Reed
Project Location: Washington, DC

Sample ID: CV-25 **Date/Time Sampled: 04/21/2016 09:25** **PSS Sample ID: 16042205-025**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:08	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:08	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:08	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:08	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:08	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:08	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:08	1029

Sample ID: CV-26 **Date/Time Sampled: 04/21/2016 09:25** **PSS Sample ID: 16042205-026**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:37	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:37	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:37	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:37	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:37	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:37	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:37	1029

Sample ID: CV-27 **Date/Time Sampled: 04/21/2016 09:25** **PSS Sample ID: 16042205-027**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:37	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:37	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:37	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:37	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:37	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:37	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 17:37	1029

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ACE Environmental, Baltimore, MD

May 2, 2016

Project Name: Walter Reed
Project Location: Washington, DC

Sample ID: CV-28 **Date/Time Sampled: 04/21/2016 09:25** **PSS Sample ID: 16042205-028**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:06	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:06	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:06	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:06	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:06	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:06	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:06	1029

Sample ID: CV-29 **Date/Time Sampled: 04/21/2016 09:25** **PSS Sample ID: 16042205-029**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:06	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:06	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:06	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:06	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:06	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:06	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:06	1029

Sample ID: CV-30 **Date/Time Sampled: 04/21/2016 09:25** **PSS Sample ID: 16042205-030**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:35	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:35	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:35	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:35	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:35	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:35	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:35	1029

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 16042205

ACE Environmental, Baltimore, MD

May 2, 2016

Project Name: Walter Reed
Project Location: Washington, DC

Sample ID: CV-31 **Date/Time Sampled: 04/21/2016 09:25** **PSS Sample ID: 16042205-031**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:35	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:35	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:35	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:35	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:35	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:35	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 18:35	1029

Sample ID: CV-32 **Date/Time Sampled: 04/21/2016 09:25** **PSS Sample ID: 16042205-032**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:04	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:04	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:04	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:04	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:04	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:04	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:04	1029

Sample ID: CV-33 **Date/Time Sampled: 04/21/2016 09:25** **PSS Sample ID: 16042205-033**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:04	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:04	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:04	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:04	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:04	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:04	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:04	1029

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CERTIFICATE OF ANALYSIS

No: 16042205

ACE Environmental, Baltimore, MD

May 2, 2016

Project Name: Walter Reed
Project Location: Washington, DC

Sample ID: CV-34 **Date/Time Sampled: 04/21/2016 09:25** **PSS Sample ID: 16042205-034**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:32	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:32	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:32	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:32	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:32	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:32	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:32	1029

Sample ID: CV-35 **Date/Time Sampled: 04/21/2016 09:25** **PSS Sample ID: 16042205-035**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:32	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:32	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:32	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:32	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:32	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:32	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 19:32	1029

Sample ID: CV-36 **Date/Time Sampled: 04/21/2016 09:25** **PSS Sample ID: 16042205-036**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:02	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:02	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:02	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:02	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:02	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:02	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:02	1029

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No: 16042205

ACE Environmental, Baltimore, MD

May 2, 2016

Project Name: Walter Reed
Project Location: Washington, DC

Sample ID: CV-37 **Date/Time Sampled: 04/21/2016 12:00** **PSS Sample ID: 16042205-037**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:02	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:02	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:02	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:02	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:02	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:02	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:02	1029

Sample ID: CV-38 **Date/Time Sampled: 04/21/2016 12:00** **PSS Sample ID: 16042205-038**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:31	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:31	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:31	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:31	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:31	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:31	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:31	1029

Sample ID: CV-39 **Date/Time Sampled: 04/21/2016 12:00** **PSS Sample ID: 16042205-039**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:31	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:31	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:31	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:31	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:31	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:31	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/29/16 20:31	1029

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CERTIFICATE OF ANALYSIS

No: 16042205

ACE Environmental, Baltimore, MD

May 2, 2016

Project Name: Walter Reed
Project Location: Washington, DC

Sample ID: CV-40 **Date/Time Sampled: 04/21/2016 12:00** **PSS Sample ID: 16042205-040**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls

Analytical Method: SW-846 8082 A
Preparation Method: SW3550C
Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 14:25	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 14:25	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 14:25	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 14:25	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 14:25	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 14:25	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 14:25	1029

Sample ID: CV-41 **Date/Time Sampled: 04/21/2016 12:00** **PSS Sample ID: 16042205-041**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls

Analytical Method: SW-846 8082 A
Preparation Method: SW3550C
Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 12:29	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 12:29	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 12:29	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 12:29	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 12:29	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 12:29	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 12:29	1029

Sample ID: CV-42 **Date/Time Sampled: 04/21/2016 12:00** **PSS Sample ID: 16042205-042**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls

Analytical Method: SW-846 8082 A
Preparation Method: SW3550C
Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 12:58	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 12:58	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 12:58	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 12:58	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 12:58	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 12:58	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 12:58	1029

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CERTIFICATE OF ANALYSIS

No: 16042205

ACE Environmental, Baltimore, MD

May 2, 2016

Project Name: Walter Reed
Project Location: Washington, DC

Sample ID: CV-43 **Date/Time Sampled: 04/21/2016 12:00** **PSS Sample ID: 16042205-043**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 13:27	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 13:27	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 13:27	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 13:27	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 13:27	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 13:27	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 13:27	1029

Sample ID: CV-44 **Date/Time Sampled: 04/21/2016 12:00** **PSS Sample ID: 16042205-044**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 14:54	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 14:54	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 14:54	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 14:54	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 14:54	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 14:54	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 14:54	1029

Sample ID: CV-45 **Date/Time Sampled: 04/21/2016 12:00** **PSS Sample ID: 16042205-045**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 15:57	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 15:57	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 15:57	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 15:57	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 15:57	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 15:57	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 15:57	1029

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CERTIFICATE OF ANALYSIS

No: 16042205

ACE Environmental, Baltimore, MD

May 2, 2016

Project Name: Walter Reed
Project Location: Washington, DC

Sample ID: CV-46 **Date/Time Sampled: 04/21/2016 12:00** **PSS Sample ID: 16042205-046**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:26	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:26	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:26	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:26	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:26	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:26	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:26	1029

Sample ID: CV-47 **Date/Time Sampled: 04/21/2016 12:00** **PSS Sample ID: 16042205-047**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:26	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:26	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:26	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:26	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:26	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:26	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:26	1029

Sample ID: CV-48 **Date/Time Sampled: 04/21/2016 12:00** **PSS Sample ID: 16042205-048**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:55	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:55	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:55	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:55	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:55	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:55	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:55	1029

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CERTIFICATE OF ANALYSIS

No: 16042205

ACE Environmental, Baltimore, MD

May 2, 2016

Project Name: Walter Reed
Project Location: Washington, DC

Sample ID: Blank-1 **Date/Time Sampled: 04/20/2016 11:05** **PSS Sample ID: 16042205-049**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:55	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:55	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:55	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:55	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:55	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:55	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 16:55	1029

Sample ID: Blank-2 **Date/Time Sampled: 04/21/2016 09:25** **PSS Sample ID: 16042205-050**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 17:23	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 17:23	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 17:23	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 17:23	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 17:23	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 17:23	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 17:23	1029

Sample ID: X-1 **Date/Time Sampled: 04/21/2016 13:15** **PSS Sample ID: 16042205-051**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	500		100	04/27/16	04/29/16 14:15	1029
PCB-1221	ND	ug/100cm2	500		100	04/27/16	04/29/16 14:15	1029
PCB-1232	ND	ug/100cm2	500		100	04/27/16	04/29/16 14:15	1029
PCB-1242	ND	ug/100cm2	500		100	04/27/16	04/29/16 14:15	1029
PCB-1248	ND	ug/100cm2	500		100	04/27/16	04/29/16 14:15	1029
PCB-1254	ND	ug/100cm2	500		100	04/27/16	04/29/16 14:15	1029
PCB-1260	**8,300**	ug/100cm2	500		100	04/27/16	04/29/16 14:15	1029

Final 1.000

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 16042205

ACE Environmental, Baltimore, MD

May 2, 2016

Project Name: Walter Reed
Project Location: Washington, DC

Sample ID: X-2 **Date/Time Sampled: 04/21/2016 13:15** **PSS Sample ID: 16042205-052**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	200		40	04/27/16	04/29/16 14:15	1029
PCB-1221	ND	ug/100cm2	200		40	04/27/16	04/29/16 14:15	1029
PCB-1232	ND	ug/100cm2	200		40	04/27/16	04/29/16 14:15	1029
PCB-1242	ND	ug/100cm2	200		40	04/27/16	04/29/16 14:15	1029
PCB-1248	ND	ug/100cm2	200		40	04/27/16	04/29/16 14:15	1029
PCB-1254	ND	ug/100cm2	200		40	04/27/16	04/29/16 14:15	1029
PCB-1260	**2,100**	ug/100cm2	200		40	04/27/16	04/29/16 14:15	1029

Sample ID: X-3 **Date/Time Sampled: 04/21/2016 13:15** **PSS Sample ID: 16042205-053**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	1,000		200	04/27/16	04/29/16 14:44	1029
PCB-1221	ND	ug/100cm2	1,000		200	04/27/16	04/29/16 14:44	1029
PCB-1232	ND	ug/100cm2	1,000		200	04/27/16	04/29/16 14:44	1029
PCB-1242	ND	ug/100cm2	1,000		200	04/27/16	04/29/16 14:44	1029
PCB-1248	ND	ug/100cm2	1,000		200	04/27/16	04/29/16 14:44	1029
PCB-1254	ND	ug/100cm2	1,000		200	04/27/16	04/29/16 14:44	1029
PCB-1260	**17,000**	ug/100cm2	1,000		200	04/27/16	04/29/16 14:44	1029

Sample ID: X-4 **Date/Time Sampled: 04/21/2016 13:15** **PSS Sample ID: 16042205-054**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	50		10	04/27/16	04/29/16 14:44	1029
PCB-1221	ND	ug/100cm2	50		10	04/27/16	04/29/16 14:44	1029
PCB-1232	ND	ug/100cm2	50		10	04/27/16	04/29/16 14:44	1029
PCB-1242	ND	ug/100cm2	50		10	04/27/16	04/29/16 14:44	1029
PCB-1248	ND	ug/100cm2	50		10	04/27/16	04/29/16 14:44	1029
PCB-1254	ND	ug/100cm2	50		10	04/27/16	04/29/16 14:44	1029
PCB-1260	**370**	ug/100cm2	50		10	04/27/16	04/29/16 14:44	1029

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 16042205

ACE Environmental, Baltimore, MD

May 2, 2016

Project Name: Walter Reed
Project Location: Washington, DC

Sample ID: T-1 **Date/Time Sampled: 04/21/2016 12:45** **PSS Sample ID: 16042205-055**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 18:21	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 18:21	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 18:21	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 18:21	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 18:21	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 18:21	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 18:21	1029

Sample ID: T-2 **Date/Time Sampled: 04/21/2016 12:45** **PSS Sample ID: 16042205-056**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 18:50	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 18:50	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 18:50	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 18:50	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 18:50	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 18:50	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 18:50	1029

Sample ID: T-3 **Date/Time Sampled: 04/21/2016 12:45** **PSS Sample ID: 16042205-057**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls — Analytical Method: SW-846 8082 A — Preparation Method: SW3550C — Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 18:50	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 18:50	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 18:50	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 18:50	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 18:50	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 18:50	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 18:50	1029

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 16042205

ACE Environmental, Baltimore, MD

May 2, 2016

Project Name: Walter Reed
Project Location: Washington, DC

Sample ID: T-4 **Date/Time Sampled: 04/21/2016 12:45** **PSS Sample ID: 16042205-058**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls

Analytical Method: SW-846 8082 A
Preparation Method: SW3550C
Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 19:19	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 19:19	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 19:19	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 19:19	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 19:19	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 19:19	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 19:19	1029

Sample ID: Blank-3 **Date/Time Sampled: 04/21/2016 12:45** **PSS Sample ID: 16042205-059**
Matrix: WIPES **Date/Time Received: 04/22/2016 08:55**

Polychlorinated Biphenyls

Analytical Method: SW-846 8082 A
Preparation Method: SW3550C
Clean up Method: SW846 3665A

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
PCB-1016	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 19:19	1029
PCB-1221	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 19:19	1029
PCB-1232	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 19:19	1029
PCB-1242	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 19:19	1029
PCB-1248	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 19:19	1029
PCB-1254	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 19:19	1029
PCB-1260	ND	ug/100cm2	5.0		1	04/27/16	04/28/16 19:19	1029

Final 1.000

Case Narrative Summary

Client Name: ACE Environmental

Project Name: Walter Reed

Work Order Number(s): 16042205

Any holding time exceedances, deviations from the method specifications, regulatory requirements or variations to the procedures outlined in the PSS Quality Assurance Manual are outlined below.

The analyses of chlorine, pH, dissolved oxygen, temperature and sulfite for drinking water and non-potable samples tested for compliance have a maximum holding time of 15 minutes. As such, all laboratory analyses for these analytes exceed holding times.

Matrix spike and matrix spike duplicate analyses may not be performed due to insufficient sample quantity. In these instances, a laboratory control sample and laboratory control sample duplicate are analyzed unless otherwise noted or specified in the method.

Sample Receipt:

All sample receipt conditions were acceptable.

General Comments:
Per client, area swiped for each sample is 10cm x 10cm.

Analytical:

Polychlorinated Biphenyls

Batch: 132082
Surrogate exceedances identified; see surrogate summary form.

Batch: 132151
Surrogate exceedances identified; see surrogate summary form.

NELAP accreditation was held for all analyses performed unless noted below. See www.phaseonline.com for complete PSS scope of accreditation.

Analytical Data Package Information Summary

Work Order(s): 16042205
Report Prepared For: ACE Environmental, Baltimore, MD
Project Name: ACE Master Price List
Project Manager: Rick Rasmussen

Method	Client Sample Id	Analysis Type	Lab Sample Id	Analyst	Mtx	Prep Batch	Analytical Batch	Sampled	Prepared	Analyzed
SW-846 8082 A	CV-1	Initial	16042205-001	1029	WI	60509	132082	04/20/2016	04/26/2016 12:24	04/26/2016 23:21
	CV-2	Initial	16042205-002	1029	WI	60509	132082	04/20/2016	04/26/2016 12:24	04/26/2016 23:50
	CV-3	Initial	16042205-003	1029	WI	60509	132082	04/20/2016	04/26/2016 12:24	04/27/2016 00:19
	CV-4	Initial	16042205-004	1029	WI	60509	132082	04/20/2016	04/26/2016 12:24	04/27/2016 00:48
	CV-5	Initial	16042205-005	1029	WI	60509	132082	04/20/2016	04/26/2016 12:24	04/27/2016 00:48
	CV-6	Initial	16042205-006	1029	WI	60509	132082	04/20/2016	04/26/2016 12:24	04/27/2016 01:17
	CV-7	Initial	16042205-007	1029	WI	60509	132082	04/20/2016	04/26/2016 12:24	04/27/2016 01:17
	CV-8	Initial	16042205-008	1029	WI	60509	132082	04/20/2016	04/26/2016 12:24	04/27/2016 01:46
	CV-9	Initial	16042205-009	1029	WI	60509	132082	04/20/2016	04/26/2016 12:24	04/27/2016 01:46
	CV-10	Initial	16042205-010	1029	WI	60509	132082	04/20/2016	04/26/2016 12:24	04/27/2016 02:14
	CV-11	Initial	16042205-011	1029	WI	60509	132082	04/20/2016	04/26/2016 12:24	04/27/2016 02:14
	CV-12	Initial	16042205-012	1029	WI	60509	132082	04/20/2016	04/26/2016 12:24	04/27/2016 02:43
	CV-13	Initial	16042205-013	1029	WI	60509	132082	04/20/2016	04/26/2016 12:24	04/27/2016 02:43
	CV-14	Initial	16042205-014	1029	WI	60509	132082	04/20/2016	04/26/2016 12:24	04/27/2016 03:12
	CV-15	Initial	16042205-015	1029	WI	60509	132082	04/20/2016	04/26/2016 12:24	04/27/2016 03:12
	CV-16	Initial	16042205-016	1029	WI	60509	132082	04/20/2016	04/26/2016 12:24	04/27/2016 03:41
	CV-17	Initial	16042205-017	1029	WI	60509	132082	04/20/2016	04/26/2016 12:24	04/27/2016 03:41
	CV-18	Initial	16042205-018	1029	WI	60509	132082	04/20/2016	04/26/2016 12:24	04/26/2016 21:25
	CV-19	Initial	16042205-019	1029	WI	60509	132082	04/20/2016	04/26/2016 12:24	04/26/2016 21:54
	CV-20	Initial	16042205-020	1029	WI	60509	132082	04/20/2016	04/26/2016 12:24	04/26/2016 22:23
	60509-1-BKS	BKS	60509-1-BKS	1029	WI	60509	132082	--------	04/26/2016 12:24	04/26/2016 23:50
	60509-1-BLK	BLK	60509-1-BLK	1029	WI	60509	132082	--------	04/26/2016 12:24	04/26/2016 23:21
	60509-1-BSD	BSD	60509-1-BSD	1029	WI	60509	132082	--------	04/26/2016 12:24	04/27/2016 00:19
	CV-40	Initial	16042205-040	1029	WI	60522	132151	04/21/2016	04/27/2016 10:04	04/28/2016 14:25
	CV-41	Initial	16042205-041	1029	WI	60522	132151	04/21/2016	04/27/2016 10:04	04/28/2016 12:29
	CV-42	Initial	16042205-042	1029	WI	60522	132151	04/21/2016	04/27/2016 10:04	04/28/2016 12:58
	CV-43	Initial	16042205-043	1029	WI	60522	132151	04/21/2016	04/27/2016 10:04	04/28/2016 13:27
	CV-44	Initial	16042205-044	1029	WI	60522	132151	04/21/2016	04/27/2016 10:04	04/28/2016 14:54
	CV-45	Initial	16042205-045	1029	WI	60522	132151	04/21/2016	04/27/2016 10:04	04/28/2016 15:57

Analytical Data Package Information Summary

Work Order(s): 16042205
Report Prepared For: ACE Environmental, Baltimore, MD
Project Name: ACE Master Price List
Project Manager: Rick Rasmussen

Method	Client Sample Id	Analysis Type	Lab Sample Id	Analyst	Mtx	Prep Batch	Analytical Batch	Sampled	Prepared	Analyzed
SW-846 8082 A	CV-46	Initial	16042205-046	1029	WI	60522	132151	04/21/2016	04/27/2016 10:04	04/28/2016 16:26
	CV-47	Initial	16042205-047	1029	WI	60522	132151	04/21/2016	04/27/2016 10:04	04/28/2016 16:26
	CV-48	Initial	16042205-048	1029	WI	60522	132151	04/21/2016	04/27/2016 10:04	04/28/2016 16:55
	Blank-1	Initial	16042205-049	1029	WI	60522	132151	04/20/2016	04/27/2016 10:04	04/28/2016 16:55
	Blank-2	Initial	16042205-050	1029	WI	60522	132151	04/21/2016	04/27/2016 10:04	04/28/2016 17:23
	X-1	Initial	16042205-051	1029	WI	60522	132151	04/21/2016	04/27/2016 10:04	04/29/2016 14:15
	X-2	Initial	16042205-052	1029	WI	60522	132151	04/21/2016	04/27/2016 10:04	04/29/2016 14:15
	X-3	Initial	16042205-053	1029	WI	60522	132151	04/21/2016	04/27/2016 10:04	04/29/2016 14:44
	X-4	Initial	16042205-054	1029	WI	60522	132151	04/21/2016	04/27/2016 10:04	04/29/2016 14:44
	T-1	Initial	16042205-055	1029	WI	60522	132151	04/21/2016	04/27/2016 10:04	04/28/2016 18:21
	T-2	Initial	16042205-056	1029	WI	60522	132151	04/21/2016	04/27/2016 10:04	04/28/2016 18:50
	T-3	Initial	16042205-057	1029	WI	60522	132151	04/21/2016	04/27/2016 10:04	04/28/2016 18:50
	T-4	Initial	16042205-058	1029	WI	60522	132151	04/21/2016	04/27/2016 10:04	04/28/2016 19:19
	Blank-3	Initial	16042205-059	1029	WI	60522	132151	04/21/2016	04/27/2016 10:04	04/28/2016 19:19
	60522-1-BKS	BKS	60522-1-BKS	1029	WI	60522	132151	--------	04/27/2016 10:04	04/28/2016 14:25
	60522-1-BLK	BLK	60522-1-BLK	1029	WI	60522	132151	--------	04/27/2016 10:04	04/28/2016 13:56
	60522-1-BSD	BSD	60522-1-BSD	1029	WI	60522	132151	--------	04/27/2016 10:04	04/28/2016 14:54
	CV-21	Initial	16042205-021	1029	WI	60525	132192	04/20/2016	04/27/2016 10:44	04/29/2016 15:13
	CV-22	Initial	16042205-022	1029	WI	60525	132192	04/20/2016	04/27/2016 10:44	04/29/2016 15:42
	CV-23	Initial	16042205-023	1029	WI	60525	132192	04/20/2016	04/27/2016 10:44	04/29/2016 16:11
	CV-24	Initial	16042205-024	1029	WI	60525	132192	04/20/2016	04/27/2016 10:44	04/29/2016 17:08
	CV-25	Initial	16042205-025	1029	WI	60525	132192	04/21/2016	04/27/2016 10:44	04/29/2016 17:08
	CV-26	Initial	16042205-026	1029	WI	60525	132192	04/21/2016	04/27/2016 10:44	04/29/2016 17:37
	CV-27	Initial	16042205-027	1029	WI	60525	132192	04/21/2016	04/27/2016 10:44	04/29/2016 17:37
	CV-28	Initial	16042205-028	1029	WI	60525	132192	04/21/2016	04/27/2016 10:44	04/29/2016 18:06
	CV-29	Initial	16042205-029	1029	WI	60525	132192	04/21/2016	04/27/2016 10:44	04/29/2016 18:06
	CV-30	Initial	16042205-030	1029	WI	60525	132192	04/21/2016	04/27/2016 10:44	04/29/2016 18:35
	CV-31	Initial	16042205-031	1029	WI	60525	132192	04/21/2016	04/27/2016 10:44	04/29/2016 18:35
	CV-32	Initial	16042205-032	1029	WI	60525	132192	04/21/2016	04/27/2016 10:44	04/29/2016 19:04

Analytical Data Package Information Summary

Work Order(s): 16042205
Report Prepared For: ACE Environmental, Baltimore, MD
Project Name: ACE Master Price List
Project Manager: Rick Rasmussen

Method	Client Sample Id	Analysis Type	Lab Sample Id	Analyst	Mtx	Prep Batch	Analytical Batch	Sampled	Prepared	Analyzed
SW-846 8082 A	CV-33	Initial	16042205-033	1029	WI	60525	132192	04/21/2016	04/27/2016 10:44	04/29/2016 19:04
	CV-34	Initial	16042205-034	1029	WI	60525	132192	04/21/2016	04/27/2016 10:44	04/29/2016 19:32
	CV-35	Initial	16042205-035	1029	WI	60525	132192	04/21/2016	04/27/2016 10:44	04/29/2016 19:32
	CV-36	Initial	16042205-036	1029	WI	60525	132192	04/21/2016	04/27/2016 10:44	04/29/2016 20:02
	CV-37	Initial	16042205-037	1029	WI	60525	132192	04/21/2016	04/27/2016 10:44	04/29/2016 20:02
	CV-38	Initial	16042205-038	1029	WI	60525	132192	04/21/2016	04/27/2016 10:44	04/29/2016 20:31
	CV-39	Initial	16042205-039	1029	WI	60525	132192	04/21/2016	04/27/2016 10:44	04/29/2016 20:31
	60525-1-BKS	BKS	60525-1-BKS	1029	WI	60525	132192	--------	04/27/2016 10:44	04/29/2016 15:42
	60525-1-BLK	BLK	60525-1-BLK	1029	WI	60525	132192	--------	04/27/2016 10:44	04/29/2016 15:13
	60525-1-BSD	BSD	60525-1-BSD	1029	WI	60525	132192	--------	04/27/2016 10:44	04/29/2016 16:11

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QC Summary 16042205

ACE Environmental
Walter Reed

Analytical Method: SW-846 8082 A
Seq Number: 132082
PSS Sample ID: 16042205-001

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/26/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	99		70-130	%	04/26/16 23:21
Tetrachloro-m-xylene	78		70-130	%	04/26/16 23:21

Analytical Method: SW-846 8082 A
Seq Number: 132082
PSS Sample ID: 16042205-002

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/26/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	100		70-130	%	04/26/16 23:50
Tetrachloro-m-xylene	84		70-130	%	04/26/16 23:50

Analytical Method: SW-846 8082 A
Seq Number: 132082
PSS Sample ID: 16042205-003

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/26/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	101		70-130	%	04/27/16 00:19
Tetrachloro-m-xylene	84		70-130	%	04/27/16 00:19

Analytical Method: SW-846 8082 A
Seq Number: 132082
PSS Sample ID: 16042205-004

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/26/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	90		70-130	%	04/27/16 00:48
Tetrachloro-m-xylene	80		70-130	%	04/27/16 00:48

Analytical Method: SW-846 8082 A
Seq Number: 132082
PSS Sample ID: 16042205-005

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/26/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	99		70-130	%	04/27/16 00:48
Tetrachloro-m-xylene	85		70-130	%	04/27/16 00:48

PHASE SEPARATION SCIENCE, INC.

QC Summary 16042205

ACE Environmental
Walter Reed

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132082 | Matrix: Wipes | Date Prep: 04/26/2016
PSS Sample ID: 16042205-006

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	87		70-130	%	04/27/16 01:17
Tetrachloro-m-xylene	86		70-130	%	04/27/16 01:17

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132082 | Matrix: Wipes | Date Prep: 04/26/2016
PSS Sample ID: 16042205-007

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	99		70-130	%	04/27/16 01:17
Tetrachloro-m-xylene	87		70-130	%	04/27/16 01:17

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132082 | Matrix: Wipes | Date Prep: 04/26/2016
PSS Sample ID: 16042205-008

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	88		70-130	%	04/27/16 01:46
Tetrachloro-m-xylene	85		70-130	%	04/27/16 01:46

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132082 | Matrix: Wipes | Date Prep: 04/26/2016
PSS Sample ID: 16042205-009

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	98		70-130	%	04/27/16 01:46
Tetrachloro-m-xylene	80		70-130	%	04/27/16 01:46

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132082 | Matrix: Wipes | Date Prep: 04/26/2016
PSS Sample ID: 16042205-010

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	92		70-130	%	04/27/16 02:14
Tetrachloro-m-xylene	79		70-130	%	04/27/16 02:14

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QC Summary 16042205

ACE Environmental
Walter Reed

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132082 | Matrix: Wipes | Date Prep: 04/26/2016
PSS Sample ID: 16042205-011

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	101		70-130	%	04/27/16 02:14
Tetrachloro-m-xylene	80		70-130	%	04/27/16 02:14

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132082 | Matrix: Wipes | Date Prep: 04/26/2016
PSS Sample ID: 16042205-012

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	91		70-130	%	04/27/16 02:43
Tetrachloro-m-xylene	72		70-130	%	04/27/16 02:43

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132082 | Matrix: Wipes | Date Prep: 04/26/2016
PSS Sample ID: 16042205-013

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	99		70-130	%	04/27/16 02:43
Tetrachloro-m-xylene	76		70-130	%	04/27/16 02:43

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132082 | Matrix: Wipes | Date Prep: 04/26/2016
PSS Sample ID: 16042205-014

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	90		70-130	%	04/27/16 03:12
Tetrachloro-m-xylene	70		70-130	%	04/27/16 03:12

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132082 | Matrix: Wipes | Date Prep: 04/26/2016
PSS Sample ID: 16042205-015

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	100		70-130	%	04/27/16 03:12
Tetrachloro-m-xylene	75		70-130	%	04/27/16 03:12

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QC Summary 16042205

ACE Environmental
Walter Reed

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132082 | Matrix: Wipes | Date Prep: 04/26/2016
PSS Sample ID: 16042205-016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	87		70-130	%	04/27/16 03:41
Tetrachloro-m-xylene	63	*	70-130	%	04/27/16 03:41

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132082 | Matrix: Wipes | Date Prep: 04/26/2016
PSS Sample ID: 16042205-017

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	100		70-130	%	04/27/16 03:41
Tetrachloro-m-xylene	82		70-130	%	04/27/16 03:41

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132082 | Matrix: Wipes | Date Prep: 04/26/2016
PSS Sample ID: 16042205-018

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	98		70-130	%	04/26/16 21:25
Tetrachloro-m-xylene	88		70-130	%	04/26/16 21:25

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132082 | Matrix: Wipes | Date Prep: 04/26/2016
PSS Sample ID: 16042205-019

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	98		70-130	%	04/26/16 21:54
Tetrachloro-m-xylene	67	*	70-130	%	04/26/16 21:54

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132082 | Matrix: Wipes | Date Prep: 04/26/2016
PSS Sample ID: 16042205-020

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	100		70-130	%	04/26/16 22:23
Tetrachloro-m-xylene	69	*	70-130	%	04/26/16 22:23

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QC Summary 16042205

ACE Environmental
Walter Reed

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132192 | Matrix: Wipes | Date Prep: 04/27/2016
PSS Sample ID: 16042205-021

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	98		70-130	%	04/29/16 15:13
Tetrachloro-m-xylene	87		70-130	%	04/29/16 15:13

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132192 | Matrix: Wipes | Date Prep: 04/27/2016
PSS Sample ID: 16042205-022

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	98		70-130	%	04/29/16 15:42
Tetrachloro-m-xylene	68	*	70-130	%	04/29/16 15:42

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132192 | Matrix: Wipes | Date Prep: 04/27/2016
PSS Sample ID: 16042205-023

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	99		70-130	%	04/29/16 16:11
Tetrachloro-m-xylene	81		70-130	%	04/29/16 16:11

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132192 | Matrix: Wipes | Date Prep: 04/27/2016
PSS Sample ID: 16042205-024

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	90		70-130	%	04/29/16 17:08
Tetrachloro-m-xylene	75		70-130	%	04/29/16 17:08

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132192 | Matrix: Wipes | Date Prep: 04/27/2016
PSS Sample ID: 16042205-025

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	98		70-130	%	04/29/16 17:08
Tetrachloro-m-xylene	82		70-130	%	04/29/16 17:08

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QC Summary 16042205

ACE Environmental
Walter Reed

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132192 | Matrix: Wipes | Date Prep: 04/27/2016
PSS Sample ID: 16042205-026

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	91		70-130	%	04/29/16 17:37
Tetrachloro-m-xylene	74		70-130	%	04/29/16 17:37

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132192 | Matrix: Wipes | Date Prep: 04/27/2016
PSS Sample ID: 16042205-027

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	99		70-130	%	04/29/16 17:37
Tetrachloro-m-xylene	78		70-130	%	04/29/16 17:37

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132192 | Matrix: Wipes | Date Prep: 04/27/2016
PSS Sample ID: 16042205-028

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	92		70-130	%	04/29/16 18:06
Tetrachloro-m-xylene	72		70-130	%	04/29/16 18:06

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132192 | Matrix: Wipes | Date Prep: 04/27/2016
PSS Sample ID: 16042205-029

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	95		70-130	%	04/29/16 18:06
Tetrachloro-m-xylene	78		70-130	%	04/29/16 18:06

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132192 | Matrix: Wipes | Date Prep: 04/27/2016
PSS Sample ID: 16042205-030

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	91		70-130	%	04/29/16 18:35
Tetrachloro-m-xylene	80		70-130	%	04/29/16 18:35

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QC Summary 16042205

ACE Environmental
Walter Reed

Analytical Method: SW-846 8082 A
Seq Number: 132192
PSS Sample ID: 16042205-031

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/27/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	101		70-130	%	04/29/16 18:35
Tetrachloro-m-xylene	86		70-130	%	04/29/16 18:35

Analytical Method: SW-846 8082 A
Seq Number: 132192
PSS Sample ID: 16042205-032

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/27/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	90		70-130	%	04/29/16 19:04
Tetrachloro-m-xylene	72		70-130	%	04/29/16 19:04

Analytical Method: SW-846 8082 A
Seq Number: 132192
PSS Sample ID: 16042205-033

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/27/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	102		70-130	%	04/29/16 19:04
Tetrachloro-m-xylene	81		70-130	%	04/29/16 19:04

Analytical Method: SW-846 8082 A
Seq Number: 132192
PSS Sample ID: 16042205-034

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/27/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	91		70-130	%	04/29/16 19:32
Tetrachloro-m-xylene	71		70-130	%	04/29/16 19:32

Analytical Method: SW-846 8082 A
Seq Number: 132192
PSS Sample ID: 16042205-035

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/27/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	97		70-130	%	04/29/16 19:32
Tetrachloro-m-xylene	71		70-130	%	04/29/16 19:32

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QC Summary 16042205

ACE Environmental
Walter Reed

Analytical Method: SW-846 8082 A
Seq Number: 132192
PSS Sample ID: 16042205-036

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/27/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	96		70-130	%	04/29/16 20:02
Tetrachloro-m-xylene	82		70-130	%	04/29/16 20:02

Analytical Method: SW-846 8082 A
Seq Number: 132192
PSS Sample ID: 16042205-037

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/27/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	97		70-130	%	04/29/16 20:02
Tetrachloro-m-xylene	75		70-130	%	04/29/16 20:02

Analytical Method: SW-846 8082 A
Seq Number: 132192
PSS Sample ID: 16042205-038

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/27/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	93		70-130	%	04/29/16 20:31
Tetrachloro-m-xylene	88		70-130	%	04/29/16 20:31

Analytical Method: SW-846 8082 A
Seq Number: 132192
PSS Sample ID: 16042205-039

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/27/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	104		70-130	%	04/29/16 20:31
Tetrachloro-m-xylene	100		70-130	%	04/29/16 20:31

Analytical Method: SW-846 8082 A
Seq Number: 132151
PSS Sample ID: 16042205-040

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/27/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	116		70-130	%	04/28/16 14:25
Tetrachloro-m-xylene	109		70-130	%	04/28/16 14:25

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QC Summary 16042205

ACE Environmental
Walter Reed

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132151 | Matrix: Wipes | Date Prep: 04/27/2016
PSS Sample ID: 16042205-041

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	106		70-130	%	04/28/16 12:29
Tetrachloro-m-xylene	88		70-130	%	04/28/16 12:29

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132151 | Matrix: Wipes | Date Prep: 04/27/2016
PSS Sample ID: 16042205-042

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	98		70-130	%	04/28/16 12:58
Tetrachloro-m-xylene	82		70-130	%	04/28/16 12:58

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132151 | Matrix: Wipes | Date Prep: 04/27/2016
PSS Sample ID: 16042205-043

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	93		70-130	%	04/28/16 13:27
Tetrachloro-m-xylene	92		70-130	%	04/28/16 13:27

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132151 | Matrix: Wipes | Date Prep: 04/27/2016
PSS Sample ID: 16042205-044

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	109		70-130	%	04/28/16 14:54
Tetrachloro-m-xylene	92		70-130	%	04/28/16 14:54

Analytical Method: SW-846 8082 A | Prep Method: SW3550C
Seq Number: 132151 | Matrix: Wipes | Date Prep: 04/27/2016
PSS Sample ID: 16042205-045

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	100		70-130	%	04/28/16 15:57
Tetrachloro-m-xylene	90		70-130	%	04/28/16 15:57

PHASE SEPARATION SCIENCE, INC.

QC Summary 16042205

ACE Environmental
Walter Reed

Analytical Method: SW-846 8082 A
Seq Number: 132151
PSS Sample ID: 16042205-046

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/27/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	100		70-130	%	04/28/16 16:26
Tetrachloro-m-xylene	93		70-130	%	04/28/16 16:26

Analytical Method: SW-846 8082 A
Seq Number: 132151
PSS Sample ID: 16042205-047

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/27/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	92		70-130	%	04/28/16 16:26
Tetrachloro-m-xylene	68	*	70-130	%	04/28/16 16:26

Analytical Method: SW-846 8082 A
Seq Number: 132151
PSS Sample ID: 16042205-048

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/27/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	96		70-130	%	04/28/16 16:55
Tetrachloro-m-xylene	90		70-130	%	04/28/16 16:55

Analytical Method: SW-846 8082 A
Seq Number: 132151
PSS Sample ID: 16042205-049

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/27/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	110		70-130	%	04/28/16 16:55
Tetrachloro-m-xylene	108		70-130	%	04/28/16 16:55

Analytical Method: SW-846 8082 A
Seq Number: 132151
PSS Sample ID: 16042205-050

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/27/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	99		70-130	%	04/28/16 17:23
Tetrachloro-m-xylene	99		70-130	%	04/28/16 17:23

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QC Summary 16042205

ACE Environmental
Walter Reed

Analytical Method: SW-846 8082 A
Seq Number: 132151
PSS Sample ID: 16042205-051

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/27/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	200	*	70-130	%	04/29/16 14:15
Tetrachloro-m-xylene	80		70-130	%	04/29/16 14:15

Analytical Method: SW-846 8082 A
Seq Number: 132151
PSS Sample ID: 16042205-052

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/27/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	192	*	70-130	%	04/29/16 14:15
Tetrachloro-m-xylene	128		70-130	%	04/29/16 14:15

Analytical Method: SW-846 8082 A
Seq Number: 132151
PSS Sample ID: 16042205-053

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/27/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	320	*	70-130	%	04/29/16 14:44
Tetrachloro-m-xylene	160	*	70-130	%	04/29/16 14:44

Analytical Method: SW-846 8082 A
Seq Number: 132151
PSS Sample ID: 16042205-054

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/27/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	152	*	70-130	%	04/29/16 14:44
Tetrachloro-m-xylene	116		70-130	%	04/29/16 14:44

Analytical Method: SW-846 8082 A
Seq Number: 132151
PSS Sample ID: 16042205-055

Matrix: Wipes

Prep Method: SW3550C
Date Prep: 04/27/2016

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	92		70-130	%	04/28/16 18:21
Tetrachloro-m-xylene	98		70-130	%	04/28/16 18:21

PHASE SEPARATION SCIENCE, INC.

QC Summary 16042205

ACE Environmental
Walter Reed

Analytical Method: SW-846 8082 A Prep Method: SW3550C
Seq Number: 132151 Matrix: Wipes Date Prep: 04/27/2016
PSS Sample ID: 16042205-056

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	70		70-130	%	04/28/16 18:50
Tetrachloro-m-xylene	90		70-130	%	04/28/16 18:50

Analytical Method: SW-846 8082 A Prep Method: SW3550C
Seq Number: 132151 Matrix: Wipes Date Prep: 04/27/2016
PSS Sample ID: 16042205-057

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	101		70-130	%	04/28/16 18:50
Tetrachloro-m-xylene	94		70-130	%	04/28/16 18:50

Analytical Method: SW-846 8082 A Prep Method: SW3550C
Seq Number: 132151 Matrix: Wipes Date Prep: 04/27/2016
PSS Sample ID: 16042205-058

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	89		70-130	%	04/28/16 19:19
Tetrachloro-m-xylene	96		70-130	%	04/28/16 19:19

Analytical Method: SW-846 8082 A Prep Method: SW3550C
Seq Number: 132151 Matrix: Wipes Date Prep: 04/27/2016
PSS Sample ID: 16042205-059

Surrogate	%Rec	Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	116		70-130	%	04/28/16 19:19
Tetrachloro-m-xylene	115		70-130	%	04/28/16 19:19

F = RPD exceeded the laboratory control limits
X = Recovery of MS, MSD or both outside of QC Criteria
H= Recovery of BS,BSD or both exceeded the laboratory control limits
L = Recovery of BS,BSD or both below the laboratory control limits

PHASE SEPARATION SCIENCE, INC.

QC Summary 16042205

ACE Environmental
Walter Reed

Analytical Method: SW-846 8082 A
Seq Number: 132082 | Matrix: Wipes | Prep Method: SW3550C
MB Sample Id: 60509-1-BLK | LCS Sample Id: 60509-1-BKS | Date Prep: 04/26/16
LCSD Sample Id: 60509-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
PCB-1016	<5.000	20.00	19.24	96	19.57	98	70-130	2	20	ug/100cm2	04/26/16 23:50	
PCB-1260	<5.000	20.00	20.99	105	21.35	107	70-130	2	20	ug/100cm2	04/26/16 23:50	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	LCSD Result	LCSD Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	94		96		98		70-130	%	04/26/16 23:50
Tetrachloro-m-xylene	94		91		92		70-130	%	04/26/16 23:50

Analytical Method: SW-846 8082 A
Seq Number: 132151 | Matrix: Wipes | Prep Method: SW3550C
MB Sample Id: 60522-1-BLK | LCS Sample Id: 60522-1-BKS | Date Prep: 04/27/16
LCSD Sample Id: 60522-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
PCB-1016	<5.000	20.00	22.49	112	20.91	105	70-130	7	20	ug/100cm2	04/28/16 14:25	
PCB-1260	<5.000	20.00	24.27	121	22.76	114	70-130	6	20	ug/100cm2	04/28/16 14:25	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	LCSD Result	LCSD Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	110		110		106		70-130	%	04/28/16 14:25
Tetrachloro-m-xylene	113		110		104		70-130	%	04/28/16 14:25

Analytical Method: SW-846 8082 A
Seq Number: 132192 | Matrix: Wipes | Prep Method: SW3550C
MB Sample Id: 60525-1-BLK | LCS Sample Id: 60525-1-BKS | Date Prep: 04/27/16
LCSD Sample Id: 60525-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
PCB-1016	<5.000	20.00	19.24	96	19.00	95	70-130	1	20	ug/100cm2	04/29/16 15:42	
PCB-1260	<5.000	20.00	20.76	104	20.51	103	70-130	1	20	ug/100cm2	04/29/16 15:42	

Surrogate	MB %Rec	MB Flag	LCS Result	LCS Flag	LCSD Result	LCSD Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	92		96		93		70-130	%	04/29/16 15:42
Tetrachloro-m-xylene	94		93		92		70-130	%	04/29/16 15:42

F = RPD exceeded the laboratory control limits
X = Recovery of MS, MSD or both outside of QC Criteria
H= Recovery of BS,BSD or both exceeded the laboratory control limits
L = Recovery of BS,BSD or both below the laboratory control limits

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1)
*CLIENT: Ace Environmental *OFFICE LOC. Baltimore, MD
*PROJECT MGR: Rick Rasmussen *PHONE NO.: (410) 354-8030
EMAIL: rick@aceenvironmental. FAX NO.: ( )
*PROJECT NAME: Walter Reed PROJECT NO.:
SITE LOCATION: Washington, DC P.O. NO.:
SAMPLER(S): Alan Cooper / Nick McDevitt DW CERT NO.:

PSS Work Order #: 16042205 PAGE 1 OF 6

Matrix Codes: SW=Surface Wtr DW=Drinking Wtr GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil L=Liquid SOL=Solid A=Air WI=Wipe

(2)

LAB NO.	*SAMPLE IDENTIFICATION	*DATE (SAMPLED)	*TIME (SAMPLED)	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	(3) * PCBs											REMARKS
							Preservatives Used	NONE										
1	CV-1	4-20-16	1105	WI	1	G	✓											
2	CV-2	4-20-16	1105	WI	1	G	✓											
3	CV-3	4-20-16	1105	WI	1	G	✓											
4	CV-4	4-20-16	1105	WI	1	G	✓											
5	CV-5	4-20-16	1105	WI	1	G	✓											
6	CV-6	4-20-16	1105	WI	1	G	✓											
7	CV-7	4-20-16	1105	WI	1	G	✓											
8	CV-8	4-20-16	1105	WI	1	G	✓											
9	CV-9	4-20-16	1105	WI	1	G	✓											
10	CV-10	4-20-16	1105	WI	1	G	✓											

(5)

Relinquished By: (1)	Date	Time	Received By:
[signature]	4/22/16	0855	[signature]
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)
*Requested TAT (One TAT per COC)
☑ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:
COA ☐ QC SUMM ☐ CLP LIKE ☐ OTHER _____

# of Coolers: 0
Custody Seal: ABS
Ice Present: ABS Temp: 17°C
Shipping Carrier: Client

Special Instructions:

DW COMPLIANCE? YES ☐
EDD FORMAT TYPE _____
STATE RESULTS REPORTED TO: MD ☐ DE ☐ PA ☐ VA ☐ WV ☐ OTHER _____

6630 Baltimore National Pike • Route 40 West • Baltimore, Maryland 21228 • (410) 747-8770 • (800) 932-9047 • Fax (410) 788-8723

The client (Client Name), by signing, or having client's agent sign, this "Sample Chain of Custody/Agreement Form", agrees to pay for the above requested services per the latest version of the Service Brochure or PSS-provided quotation including any and all attorney's or other reasonable fees if collection becomes necessary. * = REQUIRED

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1) *CLIENT: Ace Environmental *OFFICE LOC: Baltimore, MD
*PROJECT MGR: Rick Rasmussen *PHONE NO.: (410) 354-8030
EMAIL: rick@aceenvironmental.net FAX NO.: ( )
*PROJECT NAME: Walter Reed PROJECT NO.:
SITE LOCATION: Washington, DC P.O. NO.:
SAMPLER(S): Alex Cooper / Nick McDevitt DW CERT NO.:

PSS Work Order #: 1604T205 PAGE 2 OF 6

Matrix Codes: SW=Surface Wtr DW=Drinking Wtr GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil L=Liquid SOL=Solid A=Air WI=Wipe

(2)

LAB NO.	*SAMPLE IDENTIFICATION	*DATE (SAMPLED)	*TIME (SAMPLED)	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	Preservatives Used: NONE / Analysis/Method Required (3): PCBs	REMARKS
11	CV-11	4-20-16	1105	WI	1	G	✓	
12	CV-12	4-20-16	1105	WI	1	G	✓	
13	CV-13	4-20-16	1400	WI	1	G	✓	
14	CV-14	4-20-16	1400	WI	1	G	✓	
15	CV-15	4-20-16	1400	WI	1	G	✓	
16	CV-16	4-20-16	1400	WI	1	G	✓	
17	CV-17	4-20-16	1400	WI	1	G	✓	
18	CV-18	4-20-16	1400	WI	1	G	✓	
19	CV-19	4-20-16	1400	WI	1	G	✓	
20	CV-20	4-20-16	1400	WI	1	G	✓	

(5)

Relinquished By: (1)	Date	Time	Received By:
	4/20/16	0855	
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

*Requested TAT (One TAT per COC)
☑ 5-Day ☐ 3-Day ☐ 2-Day ☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required: COA ☐ QC SUMM ☐ CLP LIKE ☐ OTHER ☐

# of Coolers: 0
Custody Seal: ABS
Ice Present: ABS Temp: 17°C
Shipping Carrier: Client

Special Instructions:

DW COMPLIANCE? YES ☐
EDD FORMAT TYPE:
STATE RESULTS REPORTED TO: MD ☐ DE ☐ PA ☐ VA ☐ WV ☐ OTHER ☐

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SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1) *CLIENT: Ace Environmental *OFFICE LOC. Baltimore, MD
*PROJECT MGR: Rick Rasmussen *PHONE NO.: (410) 354-8030
EMAIL: RickR@aceenvironmental.net FAX NO.: ( )
*PROJECT NAME: Walter Reed PROJECT NO.:
SITE LOCATION: Washington, DC P.O. NO.:
SAMPLER(S): Alan Cooper/Rick Rasmussen DW CERT NO.:

PSS Work Order #: 1604220S PAGE 3 OF 6

Matrix Codes: SW=Surface Wtr DW=Drinking Wtr GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil L=Liquid SOL=Solid A=Air WI=Wipe

(2)

LAB NO.	*SAMPLE IDENTIFICATION	*DATE (SAMPLED)	*TIME (SAMPLED)	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	Preservatives Used: NONE	Analysis/ Method Required (3): * PCBs	REMARKS
21	CV-21	4-20-16	1400	WI	1	G		✓	
22	CV-22	4-20-16	1400	WI	1	G		✓	
23	CV-23	4-20-16	1400	WI	1	G		✓	
24	CV-24	4-20-16	1400	WI	1	G		✓	
25	CV-25	4-21-16	0925	WI	1	G		✓	
26	CV-26	4-21-16	0925	WI	1	G		✓	
27	CV-27	4-21-16	0925	WI	1	G		✓	
28	CV-28	4-21-16	0925	WI	1	G		✓	
29	CV-29	4-21-16	0925	WI	1	G		✓	
30	CV-30	4-21-16	0925	WI	1	G		✓	

(5)

Relinquished By: (1)	Date	Time	Received By:
	4/22/16	0855	Alan Cooper
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

*Requested TAT (One TAT per COC)
☑ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:
COA QC SUMM CLP LIKE OTHER
☐ ☐ ☐ ____

# of Coolers: 0
Custody Seal: ABS
Ice Present: ABS Temp: 17°C
Shipping Carrier: Client

Special Instructions:

DW COMPLIANCE? YES ☐
EDD FORMAT TYPE: ____
STATE RESULTS REPORTED TO: MD ☐ DE ☐ PA ☐ VA ☐ WV ☐ OTHER ____

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SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1) *CLIENT: Ace Environmental *OFFICE LOC.: Baltimore, MD
*PROJECT MGR: Rick Rasmussen *PHONE NO.: (410) 354-8032
EMAIL: rick@aceenvironmental.net FAX NO.: ( )
*PROJECT NAME: Walter Reed PROJECT NO.:
SITE LOCATION: Washington, DC P.O. NO.:
SAMPLER(S): Alex Cooper / Nick McDevitt DW CERT NO.:

PSS Work Order #: 1604220S PAGE 4 OF 6

Matrix Codes: SW=Surface Wtr DW=Drinking Wtr GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil L=Liquid SOL=Solid A=Air WI=Wipe

(2)

LAB NO.	*SAMPLE IDENTIFICATION	*DATE (SAMPLED)	*TIME (SAMPLED)	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	Preservatives Used: NONE	Analysis/ Method Required (3) * PCBs	REMARKS
31	CV-31	4-21-16	0925	WI	1	G		✓	
32	CV-32	4-21-16	0925	WI	1	G		✓	
33	CV-33	4-21-16	0925	WI	1	G		✓	
34	CV-34	4-21-16	0925	WI	1	G		✓	
35	CV-35	4-21-16	0925	WI	1	G		✓	
36	CV-36	4-21-16	0925	WI	1	G		✓	
37	CV-37	4-21-16	1200	WI	1	G		✓	
38	CV-38	4-21-16	1200	WI	1	G		✓	
39	CV-39	4-21-16	1200	WI	1	G		✓	
40	CV-40	4-21-16	1200	WI	1	G		✓	

(5)

Relinquished By: (1)	Date	Time	Received By:
	4/22/16	0855	Alex Cooper
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

*Requested TAT (One TAT per COC)
☑ 5-Day ☐ 3-Day ☐ 2-Day ☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required: COA QC SUMM CLP LIKE OTHER ☐ ☐ ☐ ____

# of Coolers: 0
Custody Seal: ABS
Ice Present: ABS Temp: 17°C
Shipping Carrier: Client

Special Instructions:

DW COMPLIANCE? YES ☐
EDD FORMAT TYPE: ____
STATE RESULTS REPORTED TO: MD ☐ DE ☐ PA ☐ VA ☐ WV ☐ OTHER ____

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SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1) *CLIENT: Ace Environmental *OFFICE LOC. Baltimore, MD

*PROJECT MGR: Rick Rasmussen *PHONE NO.: (410) 354-8030

EMAIL: rickr@aceenvironmental.net FAX NO.: ( )

*PROJECT NAME: Walter Reed PROJECT NO.:

SITE LOCATION: Washington, DC P.O. NO.:

SAMPLER(S): Alex Cooper / Nick McDevitt DW CERT NO.:

PSS Work Order #: 1604220S PAGE 5 OF 6

Matrix Codes: SW=Surface Wtr DW=Drinking Wtr GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil L=Liquid SOL=Solid A=Air WI=Wipe

(2)

LAB NO.	*SAMPLE IDENTIFICATION	*DATE (SAMPLED)	*TIME (SAMPLED)	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	Preservatives Used: NONE / Analysis/Method Required (3): PCBs	REMARKS
41	CV-41	4-21-16	1200	WI	1	G	✓	
42	CV-42	4-21-16	1200	WI	1	G	✓	
43	CV-43	4-21-16	1200	WI	1	G	✓	
44	CV-44	4-21-16	1200	WI	1	G	✓	
45	CV-45	4-21-16	1200	WI	1	G	✓	
46	CV-46	4-21-16	1200	WI	1	G	✓	
47	CV-47	4-21-16	1200	WI	1	G	✓	
48	CV-48	4-21-16	1200	WI	1	G	✓	
49	Blank-1	4-21-16	1105	WI	1	G	✓	
50	Blank-2	4-21-16	0925	WI	1	G	✓	

(5)

Relinquished By: (1)	Date	Time	Received By:
	4/22/16	0855	Alex Cooper
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

*Requested TAT (One TAT per COC)
☑ 5-Day ☐ 3-Day ☐ 2-Day ☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required: COA ☐ QC SUMM ☐ CLP LIKE ☐ OTHER ☐

# of Coolers: 0

Custody Seal: ABS

Ice Present: ABS Temp: 17°C

Shipping Carrier: Client

Special Instructions:

DW COMPLIANCE? YES ☐

EDD FORMAT TYPE

STATE RESULTS REPORTED TO. MD ☐ DE ☐ PA ☐ VA ☐ WV ☐ OTHER

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SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1) *CLIENT: Ace Environmental *OFFICE LOC.: Baltimore, MD
*PROJECT MGR: Rick Rasmussen *PHONE NO.: (410) 354-8030
EMAIL: rickr2aceenvironmental.net FAX NO.: ( )
*PROJECT NAME: Walter Reed PROJECT NO.:
SITE LOCATION: Washington, DC P.O. NO.:
SAMPLER(S): Alex Cooper/Nick Meiser DW CERT NO.:

PSS Work Order #: 1604220S PAGE 6 OF 6

Matrix Codes: SW=Surface Wtr DW=Drinking Wtr GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil L=Liquid SOL=Solid A=Air WI=Wipe

(2)

LAB NO.	*SAMPLE IDENTIFICATION	*DATE (SAMPLED)	*TIME (SAMPLED)	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	Preservatives Used: NONE; Analysis/Method Required (3) *	REMARKS
S1	X-1	4-21-16	1315	WI	1	G	✓	
S2	X-2	4-21-16	1315	WI	1	G	✓	
S3	X-3	4-21-16	1315	WI	1	G	✓	
S4	X-4	4-21-16	1315	WI	1	G	✓	
S5	T-1	4-21-16	1245	WI	1	G	✓	
S6	T-2	4-21-16	1245	WI	1	G	✓	
S7	T-3	4-21-16	1245	WI	1	G	✓	
S8	T-4	4-21-16	1245	WI	1	G	✓	
S9	Blank-3	4-21-16	1245	WI	1	G	✓	

(5)

Relinquished By:	Date	Time	Received By:
(1)	4/22/16	0855	
(2)			
(3)			
(4)			

(4)

*Requested TAT (One TAT per COC)
☑ 5-Day ☐ 3-Day ☐ 2-Day ☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:
COA ☐ QC SUMM ☐ CLP LIKE ☐ OTHER ☐

# of Coolers: 0
Custody Seal: ABS
Ice Present: ABS Temp: 17°C
Shipping Carrier: Client

Special Instructions:

DW COMPLIANCE? YES ☐
EDD FORMAT TYPE:
STATE RESULTS REPORTED TO: MD ☐ DE ☐ PA ☐ VA ☐ WV ☐ OTHER

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Final 1.000

Phase Separation Science, Inc

Sample Receipt Checklist

Work Order #	16042205	**Received By**	Amber Confer
Client Name	ACE Environmental	**Date Received**	04/22/2016 08:55:00 AM
Project Name	Walter Reed	**Delivered By**	Client
Disposal Date	05/27/2016	**Tracking No**	Not Applicable
		Logged In By	Rachel Davis

Shipping Container(s)

No. of Coolers 1

		Ice	Absent
Custody Seal(s) Intact?	N/A	Temp (deg C)	17
Seal(s) Signed / Dated?	N/A	Temp Blank Present	No

Documentation

		Sampler Name	Not Provided
COC agrees with sample labels?	Yes		N/A
Chain of Custody	Yes		

Sample Container

		Custody Seal(s) Intact?	Not Applicable
Appropriate for Specified Analysis?	Yes	Seal(s) Signed / Dated	Not Applicable
Intact?	Yes		
Labeled and Labels Legible?	Yes		

Total No. of Samples Received 59

Total No. of Containers Received 59

Preservation

Metals	(pH<2)	N/A
Cyanides	(pH>12)	N/A
Sulfide	(pH>9)	N/A
TOC, COD, Phenols	(pH<2)	N/A
TOX, TKN, NH3, Total Phos	(pH<2)	N/A
VOC, BTEX (VOA Vials Rcvd Preserved)	(pH<2)	N/A
Do VOA vials have zero headspace?		N/A
624 VOC (Rcvd at least one unpreserved VOA vial)		N/A

Comments: (Any "No" response must be detailed in the comments section below.)

For any improper preservation conditions, list sample ID, preservative added (reagent ID number) below as well as documentation of any client notification as well as client instructions. Samples for pH, chlorine and dissolved oxygen should be analyzed as soon as possible, preferably in the field at the time of sampling. Samples which require thermal preservation shall be considered acceptable when received at a temperature above freezing to 6°C. Samples that are hand delivered on the day that they are collected may not meet these criteria but shall be considered acceptable if there is evidence that the chilling process has begun such as arrival on ice.

Samples Inspected/Checklist Completed By: Rachel Davis — Date: 04/22/2016

Rachel Davis

PM Review and Approval: Lynn Jackson — Date: 04/22/2016

Lynn Jackson